



**US Army Corps
of Engineers®**
Philadelphia District

PROJECT FACTSHEET

Modification of the Fort Mifflin Confined Disposal Facility, Philadelphia, PA

April 2007

CONGRESSIONAL DISTRICTS: Reps. Brady (PA-1), Sestak (PA-7), Kanjorski (PA-11)

APPROPRIATION / PHASE:
Continuing Authorities / Construction

BUSINESS PROGRAM:
Ecosystem Restoration

AUTHORITY: Section 1135 of the Water Resources Development Act of 1986 as amended.

LOCATION: The ecosystem being improved and protected is located in the west-central portion of the City of Hazelton, Luzerne County, PA. The site is a 300 –acre parcel of land that has been impacted by surface and deep mining operations. The project would reclaim land impacted by surface mining and backfill dangerous high walls in surface mining pits, re-establish surface water drainage along a 4000-foot former reach of Cranberry Creek and re-construction or enhancement of wetlands within the project area.

The federal project being modified is the Corps' Confined Disposal Facility (CDF) at Fort Mifflin, PA. The Fort Mifflin CDF is part of both the existing authorized Delaware River Philadelphia to the Sea and the Schuylkill River projects. USACE Fort Mifflin is located in Southeast Pennsylvania in Philadelphia County. The site is at the confluence of the Schuylkill and Delaware Rivers on the former Hog Island. The facility and all of its operations are entirely within federally owned property.

DESCRIPTION: The project will advance the technology base and demonstrate the long-term feasibility of transporting dredged material and re-using it in combination with the cast-off materials from the mining process. The result of this project will be a long-term plan and program to advance the beneficial use of dredged material to restore, protect and enhance abandoned lands damaged by mining. The project will quantify the ability of such a program to stabilize and re-vegetate the damaged lands, reduce acid mine drainage and restore the local ecosystem.

The Fort Mifflin CDF is one of nine similar CDF's in the Delaware River Philadelphia to the Sea Project and the only federally owned CDF in Pennsylvania. CDF's occupy valuable riparian land, reduce the tax base and disturb adjacent properties. As CDF's fill to capacity, new lands must be acquired to use for subsequent material storage. Removal of the confined dredge material and reuse of the regained capacity will reverse and improve this process.

The immediate project will affect approximately 100 acres of land at the Fort Mifflin Facility and 330 acres of abandoned mine land and 4,000 feet of waterway at Hazelton. The Pennsylvania Department of Environmental Protection (PADEP) estimates that the state contains approximately 250,000 acres of similar abandoned mine lands and 2,500 miles of affected

Modification of Fort Mifflin CDF, Philadelphia, PA (*continued*)

waterway within the commonwealth.

STATUS: Construction of the railway was completed in November 2006. Transport and placement of dredged material to Hazelton will follow with completion scheduled for summer 2007.

FINANCIAL

DATA (\$000)

| | Fed | Non-Fed | Total |
|----------------------------|-------|---------|-------|
| Planning & Design Analysis | 250 | 0 | 351 |
| Construction | 4,750 | 2,126 | 6,775 |

BUDGET

DATA (\$000) Comments

| | | |
|-------|-------|--|
| FY 01 | 68 | |
| FY 02 | 287 | |
| FY 03 | 255 | |
| FY 04 | 264 | |
| FY 05 | 1,735 | |
| FY 06 | 2,391 | |
| FY 07 | 0 | |

SPONSOR: Bennett's Branch Watershed Association

PROJECT MANAGER: Chuck MacIntosh, P.E.
(215) 656-6514
charles.p.macintosh@usace.army.mil